

**APPENDIX E**

**VARIANCE REPORT**



INTERNATIONAL  
TECHNOLOGY  
CORPORATION

Variance No: PARCEL99QJULY02.VR1(REVISION)

Linked w/NC No:

X

Date of Issue: 7-24-02

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Project Name: Fort McClellan - CK 10

Project Number: 796887.11020300

## -Variance Report -

I. Description: (by the person identifying the change)

### FINAL SITE-SPECIFIC FIELD SAMPLING PLAN, FORMER MACHINE GUN \ RIFLE RANGE, PARCEL 99Q

The Final Site-Specific Field Sampling Plan FSSFSP proposed drilling residuum well HR-99Q-MW01 using hollow-stem augers (HSA) and collecting a groundwater sample from the well. Proposed residuum monitoring well HR-99Q-MW01 was drilled using both HSA and air rotary drilling techniques. However, the monitoring well was not installed and a groundwater sample was not collected.

Identified by: Jeffrey J. Tarr, PG - IT Site Manager

Date: 7-24-02

II. Justification for Variance:

During drilling at proposed residuum well location HR-99Q-MW01, competent bedrock was encountered at approximately 28 feet below ground surface (bgs) and groundwater was not present. A decision was made to use air rotary drilling techniques and drill into the bedrock for groundwater. However, after air rotary drilling to 100 feet bgs groundwater was not encountered. The IT Technical Lead and IT Site Manager made a decision after consultation with the Base Closure Team including the U.S. Army Corps of Engineers, Alabama Department of Environmental Management, U.S. Environmental Protection Agency and Fort McClellan to discontinue drilling operations if groundwater was not encountered within 100 feet bgs. The decision to stop drilling was based upon the fact that the likelihood of lead contamination being present in groundwater at depths greater than 100 feet bgs was extremely minimal. Therefore, drilling operations were stopped and a groundwater sample was not collected.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan, Site-Specific Safety and Health Plan and Site-Specific Unexploded Ordnance Safety Plan Attachments, Former Machine Gun \ Rifle Range Parcel 99Q, Fort McClellan, Calhoun County, Alabama, December 2001.

#### Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

#### - Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager

7-24-02

Date

Approved by:

COE Day/10/14/02

Date

Project Manager Approval:

Jeanne Yacoub 8/26/02

Date

QA Approval:

RANDY L. MSH 8-16-02

Date